

1ST AND 2ND ORDER PROCESSES AND PROPERTIES INDEX 36

BRUZA, V.

B

Experiences and Impressions Gained in a Journey Through Russia. V. Bruza, Director, Czechoslovak Ministry for Industry. *Engineers' Digest* (American Edition), v. 5, Aug. 1946, p. 388-399. Abstract from *Strojnický Obzor*, v. 26, no. 5-6, Mar. 1946, p. 43-46.

Discusses planning in the U.S.S.R.; salaries and wages; the Soviet works.

ASS-SLA METALLURGICAL LITERATURE CLASSIFICATION

FROM DIVISION SECOND MAP ONLY

REVISIONS

GROUPS

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

Development and application

Z/031/62/000/001/002/002
D006/D102

some cases gives also the machining conditions such as cutting speed, feed, and edge lifetime. It also reports results of various tests conducted at the Závody V. J. Lenina (V.I. Lenin Works) in Plzeň, the Adamovské strojírny (Adamov Machine Building Works), the Sigma in Lutín, Přerovské strojírny (Přerov Machine Building Works), ČKD in Prague, and the Moravskoslezská armaturka (Moravian-Silesian Fittings Plant) in Dolní Benešov. There are 4 tables. ✓

ASSOCIATION: Výzkumný ústav pro práškovou metalurgii (Research Institute for Powder Metallurgy), Šumperk.

Card 2/2

BRUZEK, Jiri.

SUSS, Augustin, MUDr; BRUZEK, Jiri, MUDr

~~REDACTED~~
rheumatic endocarditis treated with penicillin and ACTH. Cas lek
cs 93 no.20:544-546 My '54. (REAL 3:7)

1. Z okr. ustavu nar. zdravi v Pisku -- nemocnice, interni oddeleni.
Prednosta primar MUDr Augustin Sus.

(ACTH, therapeutic use,

*rheum. heart dis., with penicillin)

(PENICILLIN, therapeutic use,

*rheum. heart dis., with ACTH)

(RHEUMATIC HEART DISEASE, therapy,

*ACTH with penicillin)

BRUZER, Z.

New trend in designing modern two-stroke diesel motors. p. 197.
Vol 2, no. 7, July 1955. JARMUVEK MEZOGAZDASAGI GEPEK. Budapest, Hungary.

So: Eastern European Accession. Vol 5, no. 4, April 1956

BRUZER, Z.

Modern two-stroke, opposed-piston diesel motors. p. 151.

JARMUVEK MEZSGAZDASAGI GEFEK. (Gepipari Tudomanyos Egyesulet) Budapest, Hungary
Vol. 6, no. 5, 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8,
August 1959
uncla.

BRUZER, Zoltan

Guiding principles for designing air-cooled engines. Jarmu meze gep
6 no.8:236-243 '59.

BRUZER, Zoltan

Calculation of the charging exchange of two-stroke diesel engines. Pt.1. Jarmu mezo gep 4 no.5:228-235 N '57.

BRUZER, Zoltan

Newer possibilities for the free-piston two-stroke diesel engines. Jarmu mezo gap 5 no.5/6:164-169 '58.

BRUZER, Zoltan

Modern, opposed-piston two-stroke diesel engines. Jarmu mezo gep
6 no.5:151-3 of cover '59.

BRUZENICZ, Franciszek; JELEWSKA-KANIAKOWA, Zofia

Acute visceral lupus erythematosus treated with ACTH & insulin.
Polski tygod. lek. 11 no.14:610-613 2 Apr 56.

1. Z Kliniki Chorob Zakaznych AM we Wroclawiu; kier. doc. dr.
med. Jozef Kaniak, Wroclaw, Klinika Chorob, Zakaznych A.M.
(LUPUS ERYTHEMATOSUS, therapy,
ACTH & insulin (Pol))
(ACTH, therapeutic use,
lupus erythematosus visceralis, with insulin (Pol))
(INSULIN, therapeutic use,
lupus erythematosus visceralis, with ACTH (Pol))

JELEWSKA-KANIAKOWA, Ziafia; BRUZEWICZ, Franciszek

Extensive pulmonary abscesses in typhus abdominis cured with chloromycetin. Polski tygod. lek. 11 no.16:699-702 16 Apr 56.

1. Z Kliniki Chorob Zakaznych AM we Wroclawiu; kier. doc. dr. Jozef Kaniak, Wroclaw, ul. Szymanowskiego I.
 - (CHLORAMPHENICOL, therapeutic use,
 - lung abscesses in typhoid fever (Pol))
 - (LUNGS, abscess,
 - in typhoid fever, ther., chloramphenicol (Pol))
 - (ABSCCESS,
 - lung, in typhoid fever, ther., chloramphenicol (Pol))
 - (TYPHOID FEVER, complications,
 - lung abscess, ther., chloramphenicol (Pol))

KANIAK, Josef; JELEWSKA-KANIAKOWA, Zofia; BRUZEWICZ, Franciszek.

Results of the treatment of acute and chronic hepatitis with steroid hormones. Polskie arch.med.wewn. 30 no.6:774-778 '60.

1. Z Kliniki Chorob Zakaznych A.M. i Zakladu Interny S.D.L. na bazie Szpitala Wojewodzkiego we Wroclawiu Kierownik: prof. dr med. J.Kaniak

(HEPATITIS INFECTIOUS ther)

(ADRENAL CORTEX HORMONES ther)

BUDNIKOV, A., inzh.; OSADCHIY, F., inzh.; POTOKIN, A.; DMITRIYEV, A., inzh.;
BRUZH, R.; YELIZAR'YEV, B.

Exchange of experience. Avt.transp. 42 no.2:47-50 F '64.
(MIRA 17:3)

KASIMOV, Ye.; FIL'KIN, I.; KUCHMASOV, P.; RUSINYAK, A.; POLETAYEV, R.;
BRUZH, R.; BABKOV, D., inzh.

Exchange of experience. Avt. transp. 43 no.2:50-54 F '65.
(MIRA 18:6)

BRUZHES. A.P.: ZHUCHKOVA. A.D.

Inland Navigation

Electrification of night guideposts is a factor in improving the work of the pilot. Rech. transp. 12, No. 4, 1952

Monthly List of Russian Accessions, Library of Congress, October 1952. UNCLASSIFIED.

BRUZHS, A.P. ; ARKAD'YEVSKIY, A.A.

Effect of loud noises on human motor functions. Biofizika 1 no.1:
88-94 '56. (MIRA 9:12)

1. Institut biologicheskoy fiziki Akademii nauk SSSR, Moskva.
(NOISE) (MOVEMENT, PSYCHOLOGY OF)

BRUZHEZ, A.P.

ARKAD'YEVSKIY, A.A.; BRUZHEZ, A.P.; MUKHAMEDOVA, Ye.A.

Disorders in the coordination of movements under high-altitude mountain conditions [with summary in English]. Biofizika 2 no.2: 242-251 '57. (MIRA 10:6)

1. Institut biologicheskoy fiziki Akademii nauk SSSR, Moskva.
(ALTITUDE, INFLUENCE OF) (MOVEMENT DISORDERS)

BRUZHS, A.P.

Graphic representation and analysis of experimental data. Biol.
MOIP. Otd.biol. 64 no.6:161-162 N-D '59. (MIRA 13:5)
(GRAPHIC METHODS)

BRUZHES, A.P., doktor med. nauk, prof., red.

[Achievements of science: Human and animal physiology] Itogi
nauki: Fiziologiya cheloveka i zhivotnykh 1962. Moskva,
Akad. nauk SSSR, 1964. 123 p. (MIRA 19:1)

1. Sektor fiziologii Vsesoyuznogo instituta nauchnoy i tekhnicheskoy informatsii.

BRUZIEWICZ, A.

"Let us Introduce Intrafactory work Accounting in Sawmills", p. 5, (PRZEMYSŁ
DRZEWNY, Vol. 5, No. 12, Dec. 1954, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 5, May
1955, Uncl.

BRUZIEWICZ, A.

Packing veneer and fiberboard for export, p. 8. (PRZEMYSŁ DRZEWNY, Warszawa, Vol. 6, no. 2, Feb. 1955.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 1, Jan. 1955, Uncl.

BRUZIEWICZ, A.

Repair of laminated wood, p. 2. (PRZEMYSŁ DRZEWNY, Warszawa, Vol. 6, no. 3, Mar. 1955.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 1, Jan. 1955,
Uncl.

BRUZIEWICZ, ADAM

POLAND/Chemical Technology. Chemical Products and Their Application.
Synthetic Polymers. Plastics.

H-29

Abs Jour: Referat Zhur-Khimiya, No 5, 1958, 16229/

Author : Bruziewicz Adam

Inst :

Title : Use of Phenol-Formaldehyde Adhesives in the Polish Woodworking
Industry.

Orig Pub: Przem. drzewny, 1956, 7, No 12, 16-17.

Abstract: A discussion article.

Card : 1/1

BRUZIEWICZ, Adam

The quality of export packaging for veneers and fiber boards. Przem
drzew 12 no.11:10 '61.

(Packaging)

BRUZSA, Bela, dr.; MESTER, Endre, dr.

Congenital abnormalities of the bile ducts. Orv. hetil. 102 no.20:
925-928 14 My '61.

1. Bajcsy-Zsilinszky Korhaz, Sebészeti Osztaly.

(BILE DUCTS abnorm)

MESTER, Endre, dr.; BRUZSA, Bela, dr.

Biliary surgery in old age. Orv. hetil. 102 no.38:1786-1787 17 S '61.

1. Bajcsy-Zsilinszky Korhaz, Sebeszeti Osztaly.

(CHOLECYSTECTOMY in old age)

BRUZSA, Laszlo

Curtain walls. Elet tud 17 no.52:1648-1652 30 D '62.

1. "Elet es Tudomany" szerkeszto bizottsagi tagja.

BRUZSA, Laszlo

Space research exhibition in Czechoslovakia. Term tud kozl 7
no.10:479-480 0 '63.

BRUZSA, Laszlo

New type scaffolding machines. Elet tud 18 no.4:123-124 27 Ja
'63.

1. "Elet es Tudomany" szerkeszto bizottsagi tagja.

BRUZSA, Laszlo

The Congressional Palace in the Kremlin. Elet tud 18 no.44:
1387-1391 3 N '63.

1. "Elet es Tudomany" szerkeszto bizottsagi tagja.

BRUZSA, Laszlo

Ytongblocks; dry-fixed light concrete walls. Elet tud 19
no.3:137-138 17 Ja '64.

1."Elet es Tudomany" szerkeszto bizottsagi tagja.

ROMANIA/Cultivated Plants. Grains.

Abs Jour : Ref Zhur-Biol., No 15, 1958, 68078

Author : Bryadchenko, A., Melakrinos, A., Enescu, C.,
Boldea, E.

Inst : Rumanian AS.

Title : Local Winter Hard Wheat.

Orig Pub : Biol. zh. Akad. RNR, 1956, 1, No 2, 175-185

Abstract : The semi-yearly variety has a vegetation period of 250-270 days. In years of considerable precipitation, it is susceptible to tumbling down; it is very resistant to smut, and is little affected by brown rust. The morphological characteristics of this variety are given. In 1953 and 1954, winter hard wheat was tested by comparing it in parallel sowings with winter

Card : 1/2

- RUMANIA/Cultivated Plants. Grains.

II

Abs Jour : Ref Zhur-Biol., No 15, 1958, 68078

wheat and spring hard wheat in various oblast's of the country. In regions with heavy precipitation and mild winters, it yielded 6-15 percent less than winter wheat, and 19-40 percent less than spring hard wheat; in the steppes and wooded steppes of the south, it yielded 1.5-3 times more than spring hard wheat. Data are given on the chemical analysis of the grain and flour of winter wheat, and winter and spring hard wheat. -- E. Ya. Vorontsova

Card : 2/2

BRYADOV, Ye.A., podpolkovnik

Teaching military science in military medical schools. Voen-med.
zhur. no.9:36-38 S '55. (MIRA 9:9)
(MILITARY ART AND SCIENCE--STUDY AND TEACHING)

BRYADOV, Ye.A., podpolkovnik

Some training problems at military medical schools. Voen-med. zhur.
no.1:14-16 Ja '56 (MLRA 10:5)
(MEDICINE, MILITARY AND NAVAL, education,
military med. schools) (Rus)

BABAYAN, Kh.P.; BRYADZHYAN, N.G.; MAMIDZHANYAN, E.A.; GRIGOROV, N.L.;
TRET'YAKOVA, Ch.A.; SHESTOPEROV, V.Ya.

Nuclear-active particles in young air showers. Zhur. eksper.
i teor. fiz. 46 no.1:110-122 Ja'64. (MIRA 17:2)

1. Institut yadernoy fiziki Moskovskogo gosudarstvennogo
universiteta i Institut fiziki Gosudarstvennogo komiteta po
ispol'zovaniyu atomnoy energii SSSR, Yerevan.

BRYAKALOV, Andrey Alekseyevich; ZINOV'YEVA, A.A., redaktor; TIKHONOVA, Ye.A.,
tekhnicheskiy redaktor

[Electrometallization of propeller shafts; practices of the
Kanonersk shipbuilding and ship repairing factory] Elektro-
metallizatsiya grebnykh valov; opyt Kanonerskogo sudostroitel'nogo
i sudoremontnogo zavoda. Moskva, Izd-vo "Morskoi transport,"
1957. 38 p. (MLRA 10:7)
(Shafts and shafting) (Metal spraying)

AUTHOR: Bryakalov, A.A., Engineer SOV117-58-10-34/35

TITLE: A Meeting on an Exchange of Experience in the Use of Metallization (Soveshchaniye po obmenu opytom primeneniya metallizatsii)

PERIODICAL: Mashinostroitel', 1958, Nr 10, pp 46 - 47 (USSR)

ABSTRACT: In April 1958, the Metallization Committee of the Leningrad Department of NTO of Mashprom and the Leningrad House of Scientific and Technical Propaganda organized a meeting for the exchange of experience in the use of metallization in the enterprises of the Leningrad Economic Region. More than 60 representatives of industry, transportation and scientific research institutes attended the meeting. The president of the Committee, Engineer S.A. Zalis, opened the meeting by pointing out how metallization can be used advantageously for anti-corrosion and heat-resistant plating, building up of worn parts, substitutes of antifriction alloys, reclamation of foundry and mechanical wastes, decorative plating and other purposes; but large-scale introduction of electrometallization is still impeded by the absence of the necessary equipment. Engineer A.I. Smolyaninov delivered a paper on copper-lead pseudo-alloys obtained by the electrometallization method and worked out

Card 1/5

SOV-117-58-10-34/35

A Meeting on an Exchange of Experience in the Use of Metallization

in the Institut sel'skokhozyaystvennogo mashinostroyeniya (Institute of Agricultural Machinery Construction) in Rostov-na-Donu. The pseudo-alloy is applied by the three-phase UMA-1 apparatus and can be successfully applied to the building up of bushings of ordinary bearings with ensuing tempering; plant tests are under way. Engineer V.I. Batalov of the same Institute spoke on the possibility of machining electrometallized platings; he said that cutters with blades made of VK8, T15K6, T30K41 and also mineralo-ceramic TSM-332 cutters are less resistant in the machining of electrometallized platings, and in the machining of platings of high-carbon and special steels, the cutting speed is to be reduced by 10%. Engineer A.A. Bryakalov of the Tsentral'nyy nauchno-issledovatel'skiy institut rechnogo flota (Central Scientific Research Institute of the River Fleet) told about metallization work done in the Institute and enterprises of river transportation. The head of the Tsentral'nyy nauchno-issledovatel'skiy institut morskogo flota (Central Scientific Research Institute of the Sea Fleet), Engineer I.A. Yelin, reported on metallization experiments on large propeller shafts in the Kanonerskiy zavod (Kanonerka Plant) and investigations carried out in the TsNIIRF

Card 2/5

A Meeting on an Exchange of Experience in the Use of Metallization SOV-117-58-10-34/35

(TsNIIRF) with respect to surface fatigue tests in sea water; 5 to 7 years of unhampered service of metallized propeller shafts are on record. Candidate of Technical Sciences of the Leningradskiy inzhenerno-ekonomicheskii institut (Leningrad Engineer-Economical Institute) A.S. Lebedev, spoke on the technical and economical aspects of the use of metallization in the enterprises of the Leningrad Economical Region; it is used largely, especially for building-up processes, but only pays in mass production; calculations show that building-up of parts by metallization is always cheaper than manufacturing new parts; economy examples were given for the zavod imeni Roshalya (Plant imeni Roshal') and the zavod imeni V.I. Lenina (Plant imeni V.I. Lenin). Engineer S.A. Zalis of the Nevskiy mashinostroitel'nyy zavod imeni V.I. Lenina (Neva Machine Construction Plant) imeni V.I. Lenin reported on complex application of electrometallization - aluminum coating of large welded exhaust fans, instead of using special heat-resistant steel; the results were positive, and the method has been extended to other items. Engineer A.L. Labutin of the Vsesoyuznyy nauchno-issledovatel'skiy institut sinteticheskogo kauchuka (All-Union Scientific

Card 3/5

SOV-117-58-10-34/35
A Meeting on an Exchange of Experience in the Use of Metallization

Research Institute of Synthetic Rubber) reported on the possibilities of gas-flame spray-coating of plastics and its industrial application; VNIIAvtogen (VNIIAvtogen) has designed a device for gas-flame spray-coating; the process is applied in Leningrad in the Neva Machine Construction Plant, the Okhtenskiy Khimkombinat (Okhtenskiy Chemical Combine), "Vtoraya pyatiletka" Plant and the Institut sinteticheskogo kauchuka (Synthetic Rubber Institute). The participants decided upon requesting VNIIAvtogen to include in its 1958-59 scientific research plan the development of devices for factory control of the cohesive stability between the base metal and the metallization coat and of a thickness gage for non-magnetic and ferromagnetic metallized platings. They recommended the large-scale use of polymetallic pseudo alloys for bearings and other parts with friction surfaces in the industrial and repair enterprises of the Leningrad Economical Region. They are going to ask the Gosudarstvennyy komitet po novoy

Card 4/5

SOV-117-58-10-34/35

A Meeting on an Exchange of Experience in the Use of Metallization

tekhnike (State Committee for New Technology) and the USSR Ministry of Advanced Education to coordinate scientific research work in the field of metallization and the Leningrad Sovnarkhoz to organize in Leningrad a model workshop-laboratory.

1. Flame spraying--Applications

Card 5/5

BRYAKALOV, A. A. Cand Tech Sci -- (diss) ^{dissertation} "Study of electrometal platings with the object of selecting rational regimes in the repair of parts of ship mechanisms." Len, 1959. 18 pp (Min of River Fleet RSFSR. Len Inst of Water Transport), 300 copies (KL, 49-59, 139)

BRYAKALOV, A.A., inzh.

Choosing efficient systems of electric plating for restoring ship
parts. Trudy LIIVT no.26:201-207 '59. (MIRA 14:9)
(Ships--Maintenance and repair) (Metal spraying)

BRYAKALOV, A.A., inzh.

Metal spraying and gas-flame spraying of plastics used as an
anticorrosive measure. Rech.transp. 18 no.1:24-25 Ja '59.
(MIRA 12:2)

(Metal spraying) (Plastic spraying) (Corrosion and anticorrosives)
(Ships)

BRYAKALOV, A., inzh.

Plastic cramps and fastening devices for use on ships. Rech. transp.
19 no. 2:28 F '60. (MIRA 14:5)
(Plastics) (Ships—Equipment and supplies)

36578

S/123/62/000/007/011/016

AOO4/A101

1.1800

AUTHOR: Bryakalov, A. A.

TITLE: Chemical heat treatment of electroplated coatings

PERIODICAL: Referativnyy zhurnal, Mashinostroyeniye, no. 7, 1962, 42-43,
abstract 7B236 ("Tr. Leningr. in-ta vodn. transp.", 1961, no. 22,
44-47)

TEXT: The author describes a technology for reconditioning engine parts. It includes degreasing, rough grinding or turning, metallizing, sintering for 3-4 hours in a protective-reducing atmosphere at 950 - 1,000 °C, turning with an allowance for grinding, hardening, finish grinding. Ammonia, carbon monoxide, generator gas and solid carburizing agents can be used as protective medium for sintering. The author presents the results of investigating the effect of heat treatment on the physical-mechanical properties. The investigations were carried out on smooth steel specimens with a metallized V-1 (I-1) 0.7% C grade steel coating. A compound of 75% charcoal and 25% soda was used as carburizing agent. Cementation was carried out in the course of 3.5 - 4 hours at 950 °C with subsequent slow cooling. It is shown that the heat treatment relieves the stresses

Card 1/2

Chemical heat treatment of electroplated coatings

S/123/62/000/007/011/016
A004/A101

in the metallized layer, increases the adhesion strength with the base by a factor of 2.0 - 2.3 (with subsequent hardening by a factor of 3.0 - 3.5) while its structure is changed: direct contacts are formed between the coating and the base (the existence of diffusion is assumed between the base and the metallized coating). Cementation with subsequent hardening results in an increase of hardness by a factor of 1.6 - 1.7. The presence of the cemented and hardened metallized layer with a HB 460 - 480 hardness ensures a considerable increase in the resistance to wear of the reconditioned parts. Calculations which were carried out show that the cost of reconditioning the parts by metalizing with subsequent heat treatment amounts to 10 - 30% of the costs of new parts.

[Abstracter's note: Complete translation]

Card 2/2

S/081/62/000/017/095/102
B177/B186

AUTHORS: Bryakalov, A., Tendler, V.

TITLE: Plastic illuminators

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 17, 1962, 546, abstract 17P91 (Rechn. transport no. 3, 1962, 28 - 29)

TEXT: Components for illuminators were made from previously mixed moulding compositions consisting (in %) of: polyester resin ПМ-1 (PM-1) (with hardeners) 42 - 47, vitreous filler 30 mm in length with water-repellent lubricant 32, kaolin 21 - 26. By using moulding compositions for the basic components of illuminators their weight can be halved and manufacturing effort reduced by a factor of 2 - 2.5. A diagram and a description of the press-mould for the illuminator bodies are given. It is pointed out that drawings of a standard illuminator were used in designing the plastic illuminator components. [Abstracter's note: Complete translation]

Card 1/1

TENDLER, V.M.; BRYAKALOV, A.A.; Prinimali uchastiye: LEVINA, K.S.;
SUNTSOVA, M.P.; IONIS, A.G.

Manufacture of parts from premixed molding compositions. Plast.-
massy no.5:34-36 '62. (MIRA 15:4)
(Plastics--Molding)

BRYAKALOV, G.A. (Leningrad); DOBRONRAVOVA, I.K. (Leningrad);
CHUKREYEV, P.A. (Leningrad); YUSUPOV, R.M. (Leningrad)

Solution of a logic problem using an analog computer. Izv.
AN SSSR. otd. tekhn. nauk. tekhn. kib. no.3:168-176 My-Je '63.
(MIRA 16:7)
(Electronic analog computers)

MAKSIMOV, A.I.; KUNITSA, N.S.; BRYAKHANOV, A.N.

Effect of the intensity of changes in deformation resistance on the
accuracy of cold planar gauging. Kuz.-shtam.proizv. 4 no.2:5-8
F '62. (MIRA 15:2)

(Deformations (Mechanics)) (Gauging)

BARTENEV, G.M.; BRYAKHANOV, A.V.

Spring-back in carbon steels. Uch. zap. Mosk. gor. ped. inst.
86:109-139 '60. (MIRA 16:3)
(Steel) (Strains and stresses)

BRYAKHANOV, V.A.; DELYAGIN, N.N.; KUZ'MIN, R.N.

Resonance absorption of γ -quanta in magnesium stanide. The
23.8 Kev. absorption line of natural width. Zhur. eksper. i
teor. fiz. 46 no.1:137-141 Ja'64. (MIRA 17:2)

1. Institut yadernoy fiziki Moskovskogo gosudarstvennogo
universiteta.

BRYAKIN, MAJ. M. I.

PA-75T63

USSR/Medicine - Dysentery
Medicine - Convalescence

Apr 1948

"Questions of the Practical Value of the Recto-
manoscope in Dysentery," Maj M. I. Bryakin, Med Sv,
Nth Field Hosp, 1 1/2 pp

"Sov Meditsina" No 4

Subject method permits better estimation of degree of
recovery of patient during convalescence.

75T63

BRYAKIN, M.I.

Reflex mechanism of the development of postoperative pneumonia.
Trudy Inst.klin. i eksp.khir. AN Kazakh.SSR 3:21-29 '57.

(MLRA 10:8)

1. Kafedra fakul'tetskoy khirurgii pediatricheskogo i sanitarno-
gigiyenicheskogo fakul'tetov Kazakhskogo meditsinskogo instituta
im. V.M.Molotova

(PNEUMONIA) (OPERATIONS, SURGICAL)

BRYAKIN, M.I., prof.

Results of the work of the surgery section. Zdrav. Kazakh.
17 no.4/5 '57. (MIRA 12:6)
(SURGERY)

BRYAKIN, M.I., prof.

Condition of and prospects for the development of surgical
care in Kazakhstan. Zdrav.Kazakh. 17 no.10/11:19-22 '57.
(MIRA 12:6)

1. Glavnyy khirurg Ministerstva zdavookhraneniya KazSSR.
(KAZAKHSTAN--SURGERY)

~~BRYAKIN~~ M.I., prof.

Achievement in surgery in the Kazakh S.S.R. during the 40 years
of Soviet Rule. Khirurgiia 33 no.9:3-6 S '57. (MIRA 11:4)

1. Iz Ministerstva zdravookhraneniya Kazakhskoy SSR
(SURGERY
in Russia)

BRYAKIN, M.I., zasluzhennyy deyatel' nauki, prof.

Over-all pathogenetic therapy for obliterating endarteritis.
Zdrav. Kazakh, 18 no. 2:3-9 '58. (MIRA 13:8)

1. Iz kafedry fakul'tetskoy khirurgii pediatricheskogo i
sanitarnogo fakul'tetov Kazakhakogo gosudarstvennogo
meditsinskogo instituta.

(ARTERIES—DISEASES)

BRYAKIN, M.I.

Pathogenesis and treatment of cardiospasm. Trudy Inst.klin.i eksp.
khir. AN Kazakh.SSR 5:48-56 '59. (MIRA 13:5)
(CARDIOSPASM)

BRYAKIN, M.I.; DENTAGINA, T.P.

A decade of experience in the treatment of stenosing diseases of
the esophagus and cardia. Trudy Inst.klin.i AN Kazakh.SSR 5:38-
47 '59. (MIRA 13:5)
(DIGESTIVE ORGANS--DISEASES) (CANCER)

BRYAKIN, M.I., zasluzhennyy deyatel' nauki Kazakhskoy SSR, prof.

Development of surgery in Kazakhstan during 40 years of Soviet power.
Zdrav. Kazakh. 21 no.6:3-8 '61. (MIRA 15:2)
(KAZAKHSTAN--SURGERY)

BRYAKIN, M. I.

Some problems of compensatory and protective reactions in surgery. Zdrav. Kazakh. no.4:13-19 '62. (MIRA 15:6)

1. Iz kafedry gosspital'noy khirurgii (zav. - professor M. I. Bryakin) Kazakhskogo meditsinskogo instituta.

(OPERATIONS, SURGICAL)

BRYAKIN, M.I., prof., zaslužennyy deyatel' nauki Kazakhskoy SSR

Current status of the problem of the surgical treatment of
pulmonary and osteoarticular tuberculosis. Zdrav. Kazakh. 21
no.11:13-18 '61. (MIRA 15:7)

(TUBERCULOSIS)

BRYAKIN, M.I., prof.

Present-day achievements in the treatment of thrombosis and
thrombophlebitis. Zdrav.Kazakh. 22 no.11:7-12 '62.

(MIRA 16:2)

(THROMBOSIS)

(PHLEBITIS)

BRYAKIN, M.I., zasluzhennyi deyatel' nauki, prof.; DENYAGINA, T.B., dotsent.

Operations of choice in cancer of the thoracic section of
the esophagus. Zdrav. Kazakh. 23 no.2:8-11 '63. (MIRA 16:10)
(ESOPHAGUS—CANCER) (ESOPHAGUS—SURGERY)

BRYAKIN, Yu. M.

Experimental shock in cases of acute radiation disease. Trudy Inst.
klin. i eksp. khir. AN Kazakh. SSR 4:58-63 '58. (MIRA 12:4)
(SHOCK) (RADIATION SICKNESS)
(PEPTONES)

BRYAKIN, Yu.M.; BABASHEV, B.S.; MUKHANOV, G.V.

Experience in the use of a potentiated local anesthetic. Trudy Inst.
klin. i eksp. khir. AN Kazakh. SSR 4:68-71 '58. (MIRA 12:4)

1. Institut klinicheskoy i eksperimental'noy khirurgii AN Kazakhskoy
SSR.

(LOCAL ANESTHESIA)

BRYAKIN, Yu.M.

Bronchial fistulas. Trudy Inst.klin.i eksp.khir. AN Kazakh.SSR
5:65-71 '59. (MIRA 13:5)
(FISTULA)

BRYAKIN, Yu. M., Cand Med Sci -- (diss) "Experimental peptic fluid under the conditions of acute radiation sickness and the comparative evaluation of some methods of its treatment." Alma-Ata, 1960. 20 pp; (Kazakh State Medical Inst); 300 copies; price not given; (KL, 28-60, 164)

BRYAKIN, Yu.M.

Morphological changes in peptone shock under conditions of acute
radiation sickness. Izv. AN Kazakh. SSR. Ser. med. i fiziol.
no. 1:73-78 '60. (MIRA 13:10)
(SHOCK) (PEPTONES—PHYSIOLOGICAL EFFECT) (RADIATION SICKNESS)

BRYAKIN, Yu.M.

Peptone shock under conditions of acute radiation sickness and a comparative evaluation of some methods for treating it. Trudy Inst. klin. i eksp. khir AN Kazakh. SSR 6:58-119 '60. (MIRA 13:12)
(SHOCK) (RADIATION SICKNESS)

BRYAKIN, Yu.M.; IZMUKHANOV, A.K.

Experience in the surgical therapy of congenital heart defects.
Zdrav. Kazakh. 23 no.4:6 10 '63. (MIRA 17:5)

1. Iz Instituta klinicheskoy i eksperimental'noy khirurgii
(direktor - prof. A.N. Syzganov) AN Kazakhskoy SSR.

SYZGANOV A.N.; BRYAKIN, Yu.M.

Results of surgical treatment of mitral stenosis. Trudy Inst.
klin. i eksp. khir. AN Kazakh. SSR 9:3-7 '63. (MIRA 17:12)

BRYAKIN, Yu.M.; CHIBUNOVSKIY, V.A.; CHERNOV, V.K.

Case of gas embolism of the cerebral vessels during a mitral
commissurotomy under intratracheal anesthesia with nitrous
oxide and oxygen. Trudy Inst. klin. i eksp. khir. AN Kazakh.
SSR 9:165-168 '63. (MIRA 17:12)

3 (4)

AUTHOR: Bryakov, K. S.

SOV/6-59-3-21/26

TITLE: Pattern for the Establishment of Geodetic Nets as a Basis for Topographical Surveys on a Large Scale in the Terrains of Cities and Large Industrial Construction Areas (Skhema postroyeniya geodezicheskikh setey dlya obosnovaniya krupnomasshtabnykh topograficheskikh s"yemok na territorii gorodov i krupnykh promyshlennyykh stroitel'stv)

PERIODICAL: Geodeziya i kartografiya, 1959, Nr 5, pp 62-70 (USSR)

ABSTRACT: The specifications for topographical surveys on scales of 1 : 5000 and 1 : 2000 from the year 1954 provide for the development of the surveying net immediately on the basis of the points of triangulation or of traversing of the 4th order. For surveys on a large scale, so abrupt a transition to the surveying net is theoretically not sufficiently well founded and has not proved valuable from a point of view of economy, a fact that has made itself particularly felt in surveys on a 1 : 2000 scale. The increased demands made on the precision of the "frame net", the new program for the establishment of the State geodetic net under the main specifications from the year 1954, as well as improved techniques (optical transits,

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telemeters, etc.) require a checking of the pattern for the "geodetic frame" for topographical surveys on scales of from 1 : 5000 to 1 : 500. This frame will have to be less rigid, and there will not be many stages involved, if the errors in the initial data will be essentially smaller than the errors in actual surveying. This can be achieved if the conditions of formula (4) are fulfilled. - In order to be able to judge the necessary density of the points and the necessary precision of the frame, the problem of the necessary and sufficient precision in the establishment of surveying nets is investigated in the paper under consideration. Formula (12) is derived. This formula expresses the dependence of the admissible length of the theodolite traverses and of the polygonal traverses on the precision of angle measurement. In theodolite traverses of a higher precision (maximum difference = 1 : 4000) the root mean square deviation in angle measurement in surveying frames on scales of 1 : 1000 and 1 : 500 must not exceed $\pm 15''$, and on scales of 1 : 2000 and 1 : 5000 it must not exceed $\pm 10''$. This precision is

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guaranteed by an angle measurement by the aid of a 30-second transit with two or three operations, using the three-tripod system. - In surveys in cities and on industrial sites, two categories must be distinguished: (1) built-up or building-up areas, where surveys are carried out on scales of 1 : 5000 and 1 : 2000, as well as on scales of 1 : 1000 and 1 : 500; (2) Towns and open sites in cities, with surveys on the scales of 1 : 5000 and 1 : 2000. The standard scale for cities remains that of 1 : 2000. - In the paper, the density and precision, required for these scales, of the polygonal traverse nets and of the triangulation nets are determined. It is shown that traversing of the 4th order can be employed as a frame for city traversing, with relative differences of 1 : 8000 and 1 : 10000, and that the latter can be used as a frame for the geodetical net. - With respect to triangulation it is shown that triangulations of the 3rd and 4th orders, established in accordance with the 1954 and 1955 specifications, entirely satisfy the requirements of city surveying. It is shown that in towns and cities covering an area of up to

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500 km² it is sufficient to establish a four-stage frame
(including the surveying frame): Instead of the three-stage
triangulation and the four-stage traversing envisaged in the
specifications, it is sufficient to establish a triangulation
of two orders and to have polygonal traverses of one stage. -
The editors of the periodical invite the readers' comments
and participation in discussions. There are 9 tables and
3 Soviet references.

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AUTHOR: Bryakov, K. S.S/006/60/000/04/015/019
B007/B005TITLE: Accuracy of the Geodetic Network for Large-scale Surveys

PERIODICAL: Geodeziya i kartografiya, 1960, Nr 4, pp 68-72 (USSR)

TEXT: N. N. Lebedev in his article (Ref, Footnote on p 68) justly raises the question as to the calculation of a necessary and sufficient accuracy of the geodetic network for large-scale surveys. It is also correct that it is sufficient to guarantee the graphical accuracy of the scale of 1 : 500 on a small section. At the same time, however, N. N. Lebedev started from some incorrect principles, and assumed an incorrect ratio between the errors of the point position in geodetic networks of different orders. This led to incorrect conclusions which are dealt with here. A scheme for developing the geodetic and surveying networks is given which offers essential advantages over the scheme suggested by N. N. Lebedev, and over the scheme described in the specification of 1940 for town surveys. In this new scheme, even for large towns with 300-500 km², five orders of geodetic network are sufficient: two orders of triangulation, two orders of traversing, and one surveying network in the form of theodolite traverses of one order. In this scheme, the errors of initial data

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Surveys

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are by the $\sqrt{3}$ -fold smaller than the errors of the measurements proper, amounting only to one-half of the total error. The instructions issued by the GUGK, as well as the Gosudarstvennyy komitet SM SSSR po delam stroitel'stva (State Committee of the Council of Ministers USSR on Construction Business), and the MKKh RSFSR are mentioned. There are 1 table and 1 Soviet reference.

Card 2/2

BELEN'KIY, Ye.Ye., kand. med. nauk; BRYAKOVA, I.I.; OVCHINNIKOVA, A.A.

Method of standardizing the pharmaceutical mixture of adoniside
and cordiamine. Sbor. nauch. trud. TSANII 4:178-182 '63
(MIRA 17:3)

1. Laboratoriya biologicheskoy i khimicheskoy standartizatsii
lekarstv (rukovoditel' laboratorii - prof. , doktor med. nauk
N.G. Polyakov) TSentral'nogo aptechnogo nauchno-issledovatel'-
skogo instituta.

BUL'VAROVA, Z.I.; BRYAKOVA, I.I.; NABOKOV, Yu.S.; POLYAKOV, N.G.

Quality of water used for injections. Apt. delo 9 no.3:50-57 Ky-
Je '60. (MIRA 14:3)
(WATER, DISTILLED) (INJECTIONS)

POLYAKOVA, I.I., mladshiy nauchnyy sotrudnik

Possibility of the use of crystalline convallatoxin as a standard
for the biological evaluation of lily-of-the-valley preparations.
Sbor.nauch.trud. TSANII 2:164-167 '61. (MIRA 16:5)

1. Laboratoriya biologicheskoy i khimicheskoy standartizatsii
lekarstv (rukovoditel' laboratorii - doktor med.nauk, prof.
N.G. Polyakov) TSentral'nogo aptechnogo nauchno-issledovatel'-
skogo instituta.

(CONVALLATOXIN) (LILIES-OF-THE-VALLEY)
(BIOLOGICAL ASSAY)

BRYAKOVA, I.I.; PAVLOVA, N.Ya., kand. med. nauk

Combined effect of cardiac glycosides and eufillin. Sbor.
nauch. trud. TSANII 6:151-156 '64. (MIRA 19:1)

1. Laboratoriya biologicheskoy i khimicheskoy standartizatsii
lekarstv (rukovoditel' - prof. doktor med. nauk N.G. Polyakov)
TSentral'nogo aptechnogo nauchno-issledovatel'skogo instituta.

BRYAKOVA, I.I.; POLYAKOV, N.G., doktor med. nauk, prof.

Study in frogs of the biological activity of some cardiac preparations stored at various temperatures. Sbor. nauch. trud. TSANII 6:157-162 '64. (MIRA 19:1)

1. Laboratoriya biologicheskoy i khimicheskoy standartizatsii lekarstv (rukovoditel' - N.G. Polyakov) Tsentral'nogo aptechnogo nauchno-issledovatel'skogo instituta.

SOLODAR', M.B., inzh.; BRYANCHANINOVA, O.A., inzh.

Efficient designs of joints of composite elements. Mont. i
spets. rab. v stroi. 25 no.1:8-11 Ja '63. (MIRA 16:6)

1. Leningradskoye otdeleniye Gosudarstvennogo proyektnogo
instituta po proyektirovaniyu, issledovaniyu i ispytaniyu
stal'nykh konstruktsiy i mostov.

(Building---Details)

BRYANCHUKOV, A.

BRYANCHUKOV, A., komandir korablya (g. Irkutsk)

~~no. 5:34 My '55.~~

More articles on exchange of experience. Grazh. av. 12
no. 5:34 My '55. (MIRA 8:9)
(Aeronautics, Commercial)

KHANT, Dzh.A.[Hunt, G.A.]; KIRILLOV L.S.[translator]; SHUR, M.G.
[translator]; DYNKIN, Ye.B., red.; BRYANDINSKAYA, A.A., red.;
RYBKINA, V.P., tekhn. red.

[Markoff [sic] processes and ptentials]Markovskie protsessy i
potentsialy. Moskva, Izd-vo inostr. lit-ry, 1962. 276 p.
Translated from the English. (MIRA 16:1)
(Markov processes) (Potential, Theory of)

ITO, K.[Ito, Kiyoshi]; VENTTSEL', A.D.[translator]; DYNKIN, Ye.B.,
red.; BRYANDINSKAYA, A.A., red.; KHOMYAKOV, A.D., tekhn.
red.

[Probabilistic processes] Veroiatnostnye protsessy. Pod
red. E.B.Dynkina. Moskva, Izd-vo inostr. lit-ry. No.2.
1963. 135 p. (MIRA 16:11)
(Probabilities)

VILENKIN, Naum Yakovlevich; BRYANDINSKAYA, A.R., red.

[Special functions and the theory of group representations] Spetsial'nye funktsii i teoriia predstavlenii grupp. Moskva, Nauka, 1965. 588 p. (MIRA 19:1)

BRYANIN, E.I.; KOKANOV, G.S.

~~SECRETARY OF DEFENSE~~

The new DSI-2 flaw detector. Priboresborenie no.10:27 6 '64.

(MIRA 17:11)

RABINOVICH, M.A.; GRIGOR'YEV, I.V.; BRYANKIN, A.V.

Mechanizing the production of grog-carborundum recuperator tubes.
Ogneupory 29 no.11:501-504 '64. (MIRA 18:1)

1. Snigirevskiy zavod ogneuporov.

Брянский
BRYANOV, D.

Defending Stalingrad Tractor Plant. Pozh. delo 4 no.2:22-23 P '58.
(Stalingrad, Battle of, 1942-1943) (MIRA 11:1)
(Stalingrad--Tractor industry--Fires and fire prevention)

BRYANOV, I.I. (Moskva)

Photographic registration of tympanic membrane vibrations with
Savitskii's mechanocardiograph. Vest.oto-rin. 18 no.6:57-59
N-D '56. (MIRA 10:2)

(TYMPANIC MEMBRANE, physiol.
vibrations, registration by Svitskii's mechanocardiograph)

Bryantov, I.I.

BRYANOV, I.I.; VARVARIN, V.P. (Moskva)

Treating patients with chronic tonsillitis. Vest.oto-rin. 19

no.6:94-95 N-D '57

(MIRA 11:3)

(TONSILS--DISEASES) (ULTRAVIOLET RAYS--PHYSIOLOGICAL EFFECT)

ACCESSION NR: AT4042720

S/0000/63/000/000/0504/0507

AUTHOR: Yuganov, Ye. M.; Markaryan, S. S.; Bryanov, I. I.; Sidel'nikov, I. A.; Vartbaronov, R. A.

TITLE: Methods of vestibular testing

SOURCE: Konferentsiya po aviatsionnoy i kosmicheskoy meditsine, 1963. Aviatsionnaya i kosmicheskaya meditsina (Aviation and space medicine); materialy konferentsii. Moscow, 1963, 504-507

TOPIC TAGS: Coriolis acceleration, vestibular analyzer, angular acceleration, linear acceleration, disorientation, spatial orientation, vestibular mechanism, vegetative reaction/Barani chair

ABSTRACT: The angular, Coriolis, and linear accelerations to which aircraft pilots and cosmonauts are subjected effect the vestibular analyzer. This gives rise to two types of vestibular reactions. The first is an illusory one, which can lead to disorientation in space, and the second can cause vestibular-vegetative reactions which bring about a deterioration of general well-being. This

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means that methods of vestibular selection must be sufficiently reliable to be able to predict the appearance of these vestibular reactions in flight. The selection methods developed by us are based on the interaction of reflexes between afferent systems. The method of determining the threshold of sensitivity of the vestibular mechanism to the illusion of banking is performed on a special chair with unstable supports. The subject sits on this chair with his eyes closed while one of his vestibular mechanisms is stimulated by a 10-cps current for periods of 3 and 10 sec. If the subject fails to incline his body, the current is gradually increased (but not to exceed 3 mamp) until the desired inclination of the body in the direction opposite to the stimulated labyrinth is obtained. A second type of experiment is performed under similar conditions but with the eyes open and fixed on a small lighted bulb placed 60 cm away along the center line on the level of the eyes. The amount of current required to induce a sensation of banking in the direction of the stimulated labyrinth is measured. The difference between the amount of current required to produce this with the eyes closed and the amount required to produce the same sensation with the eyes open represents the magnitude of the inhibiting effect of the visual analyzer on the vestibular analyzer. The degree of motor reaction which accompanies the illusion is recorded on an oscil-

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lograph. Sensitivity to illusions of inclination is characterized by the amount of the current during the combined action of the stimulator for a 10-sec period. On the average it varies between 1.5 and 2.5 mamp. A current of less than 1.5 mamp indicates an increased sensitivity to illusions of banking in flight. In order to test the ability of the motor analyzer to exert an inhibiting effect on vestibular reactions, the subject, with his eyes closed, is rotated clockwise (10 turns in 20 sec), and three minutes later he is rotated for a similar period counter-clockwise. After each period of rotation, the chair is brought into an unstable position. Persons who are likely to lose their sense of orientation in flight experience a pronounced sensation of counter-rotation, lose their sense of balance for a period of thirty or more seconds, accompanied by complete spatial disorientation and the appearance of vestibular reactions for 10 to 15 sec. This method of evaluation of the tendency of pilots to lose their sense of spatial orientation has proved to be 80% effective, as compared with older methods which were only 25% effective. The degree to which vegetative reactions appear, due to the effects of intermittent Coriolis accelerations on the vestibular analyzer, is determined by tests on a Barani chair, which is rotated at the rate of 180° per sec for a period of 20 sec while the subject, with eyes closed, bends his head rhythmically to one side at the rate of 16 times per 20 sec. At the moment the chair stops

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